# United States Environmental Protection Agency
# Region 7
# 11201 Renner Blvd
# Lenexa, KS 66219

05/06/2021

## Results of Sample Analysis

Sample: 8868-1
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-1. This sample was collected on 04/26/2021 at the location described as: 507. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-1 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 808 | Identification, Species or Other ID |
| Regulator ID | 062 | Identification, Species or Other ID |
| Starting Pressure | -30 | Inch of Mercury |
| Ending Pressure | -5 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | 0.36 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |



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## Results of Sample Analysis

Sample: 8868-2
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-2. This sample was collected on 04/26/2021 at the location described as: 501CS. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-2 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 678 | Identification, Species or Other ID |
| Regulator ID | 097 | Identification, Species or Other ID |
| Starting Pressure | -28 | Inch of Mercury |
| Ending Pressure | 0 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-3
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-3. This sample was collected on 04/26/2021 at the location described as: 500IA. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-3 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 692 | Identification, Species or Other ID |
| Regulator ID | 049 | Identification, Species or Other ID |
| Starting Pressure | -29 | Inch of Mercury |
| Ending Pressure | -5 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-4
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-4. This sample was collected on 04/27/2021 at the location described as: 406IA. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-4 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 691 | Identification, Species or Other ID |
| Regulator ID | 161 | Identification, Species or Other ID |
| Starting Pressure | -26 | Inch of Mercury |
| Ending Pressure | -10 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 8.2 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 2.0 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 3.4 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 11 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 1.4 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 1.3 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-5
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-5. This sample was collected on 04/27/2021 at the location described as: 406SS. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-5 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 689 | Identification, Species or Other ID |
| Regulator ID | 159 | Identification, Species or Other ID |
| Starting Pressure | -28 | Inch of Mercury |
| Ending Pressure | -15 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 8.2 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 2.0 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 3.4 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 11 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 1.4 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 1.3 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-6
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-6. This sample was collected on 04/27/2021 at the location described as: 505CS. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-6 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 829 | Identification, Species or Other ID |
| Regulator ID | 047 | Identification, Species or Other ID |
| Starting Pressure | -29 | Inch of Mercury |
| Ending Pressure | -6 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-7
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-7. This sample was collected on 04/27/2021 at the location described as: 201. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-7 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 710 | Identification, Species or Other ID |
| Regulator ID | 048 | Identification, Species or Other ID |
| Starting Pressure | -29 | Inch of Mercury |
| Ending Pressure | -5 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-8
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-8. This sample was collected on 04/28/2021 at the location described as: 603IA. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-8 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 694 | Identification, Species or Other ID |
| Regulator ID | 152 | Identification, Species or Other ID |
| Starting Pressure | -28 | Inch of Mercury |
| Ending Pressure | -5 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | 0.36 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | 2.4 | Micrograms per Cubic Meter |
| Trichloroethene | Approximately 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-9
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-9. This sample was collected on 04/28/2021 at the location described as: 603SS. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-9 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 813 | Identification, Species or Other ID |
| Regulator ID | 139 | Identification, Species or Other ID |
| Starting Pressure | -29 | Inch of Mercury |
| Ending Pressure | -6 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-10
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-10. This sample was collected on 04/28/2021 at the location described as: 403SS. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-10 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 611 | Identification, Species or Other ID |
| Regulator ID | 136 | Identification, Species or Other ID |
| Starting Pressure | -27 | Inch of Mercury |
| Ending Pressure | -9 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-11
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-11. This sample was collected on 04/28/2021 at the location described as: 403IA. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-11 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 643 | Identification, Species or Other ID |
| Regulator ID | 160 | Identification, Species or Other ID |
| Starting Pressure | -29 | Inch of Mercury |
| Ending Pressure | -8 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-12
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-12. This sample was collected on 04/28/2021 at the location described as: 106. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-12 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 640 | Identification, Species or Other ID |
| Regulator ID | 082 | Identification, Species or Other ID |
| Starting Pressure | -31 | Inch of Mercury |
| Ending Pressure | -11 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | 2.5 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-13
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-13. This sample was collected on 04/28/2021 at the location described as: 807IA. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-13 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 733 | Identification, Species or Other ID |
| Regulator ID | 087 | Identification, Species or Other ID |
| Starting Pressure | -29 | Inch of Mercury |
| Ending Pressure | 0 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 8.2 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 2.0 | Micrograms per Cubic Meter |
| Tetrachloroethene | 18 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 11 | Micrograms per Cubic Meter |
| Trichloroethene | Approximately 3.0 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 1.3 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-14
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-14. This sample was collected on 04/28/2021 at the location described as: 807SS. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-14 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 709 | Identification, Species or Other ID |
| Regulator ID | 088 | Identification, Species or Other ID |
| Starting Pressure | -26 | Inch of Mercury |
| Ending Pressure | 0 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | 0.80 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Approximately 0.20 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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## Results of Sample Analysis

Sample: 8868-15
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-15. This sample was collected on 04/27/2021 at the location described as: 500BMT. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-15 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 819 | Identification, Species or Other ID |
| Regulator ID | 042 | Identification, Species or Other ID |
| Starting Pressure | -29 | Inch of Mercury |
| Ending Pressure | -5 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |